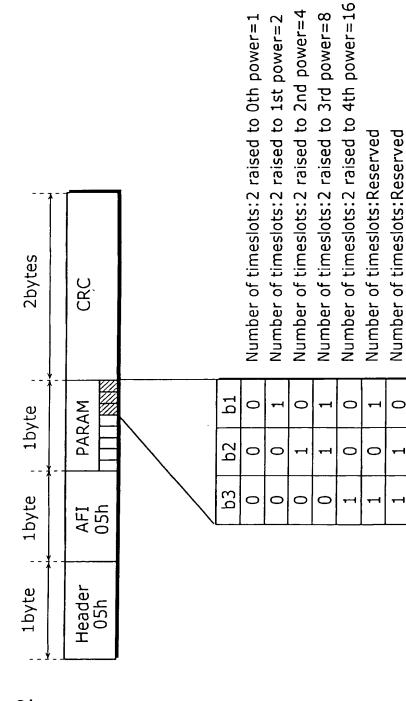
Reader/writer

Contactless card

200

Contactless card

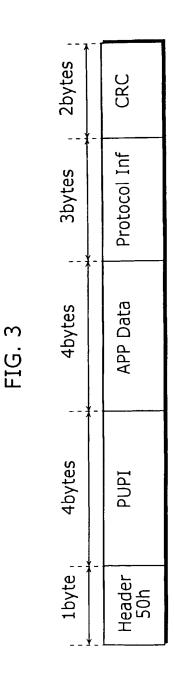


Header: Initial request command

Number of timeslots: Reserved

AFI: Application class of contactless card (all classes)

CRC: CRC value from AP to PARAM



Header: Initial response header

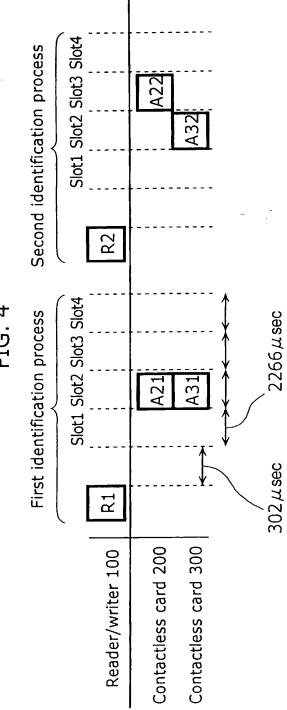
PUPI: Card ID (Pseudo-Unique PICC Identifier)

APP Data: Application information

Protocol Inf: Protocol information

CRC: CRC value from header to Protocol Inf





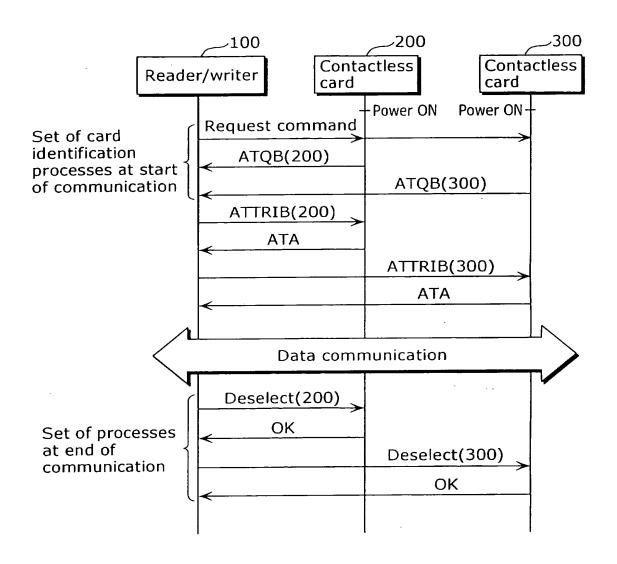
R1, R2: Request command [REQB] (from reader/writer to contactless cards)

A21, A22: Initial response [ATQB] (from contactless card 200 to reader/writer 100)

A31, A32: Initial response [ATQB] (from contactless card 300 to reader/writer 100)

Slot1 to Slot4: Timeslot number

FIG. 5



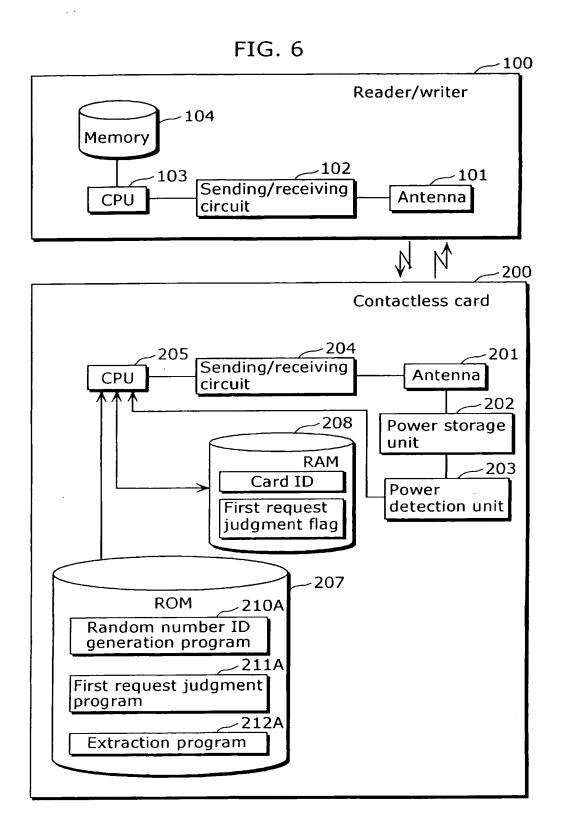


FIG. 7

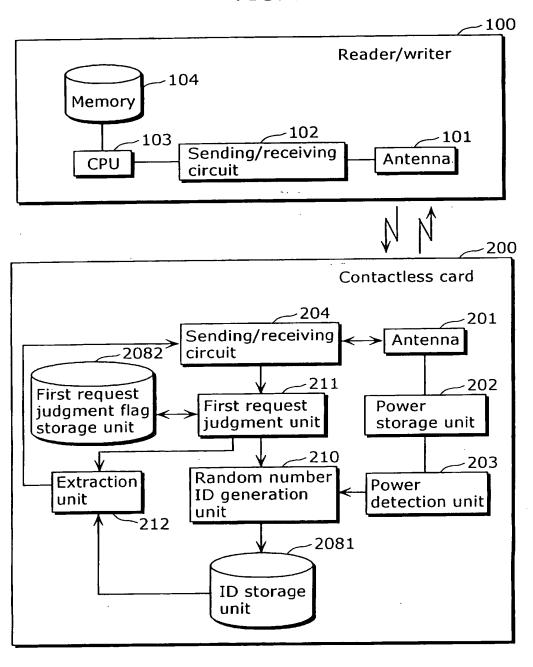


FIG. 8

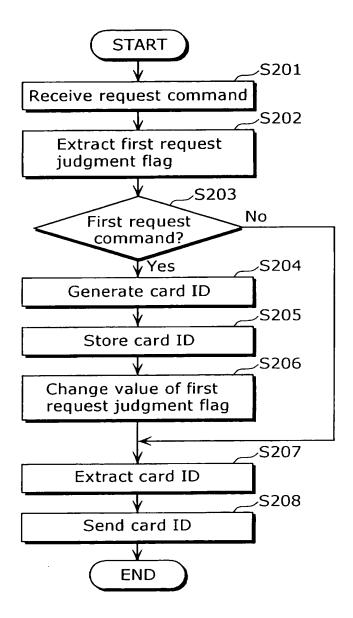


FIG. 9

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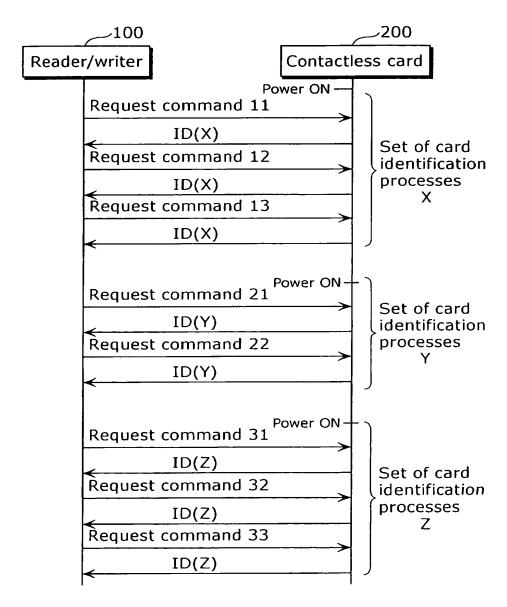


FIG. 10

·. · · . .

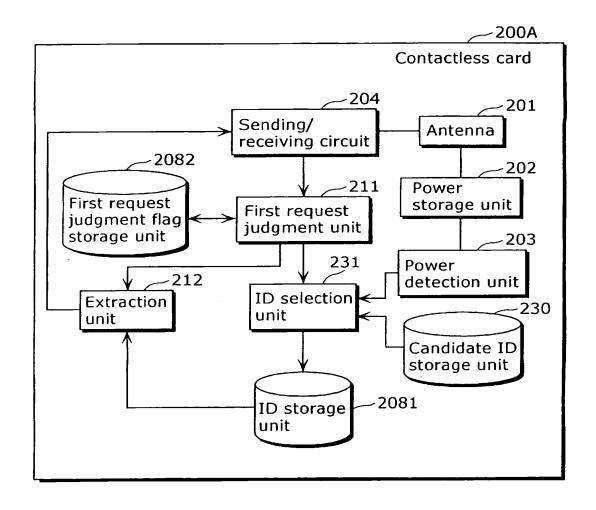


FIG. 11

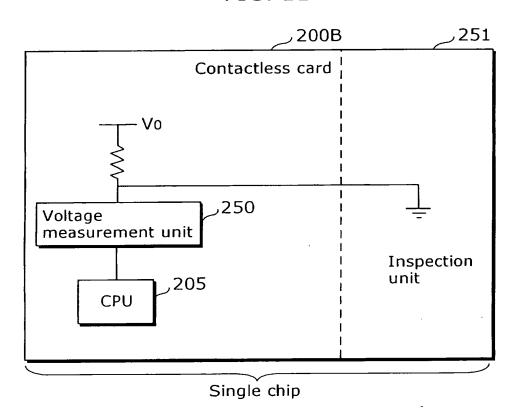


FIG. 12

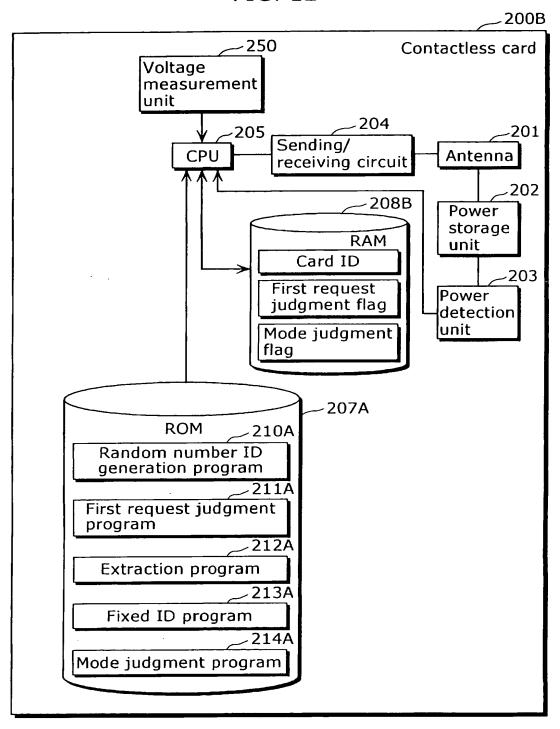


FIG. 13

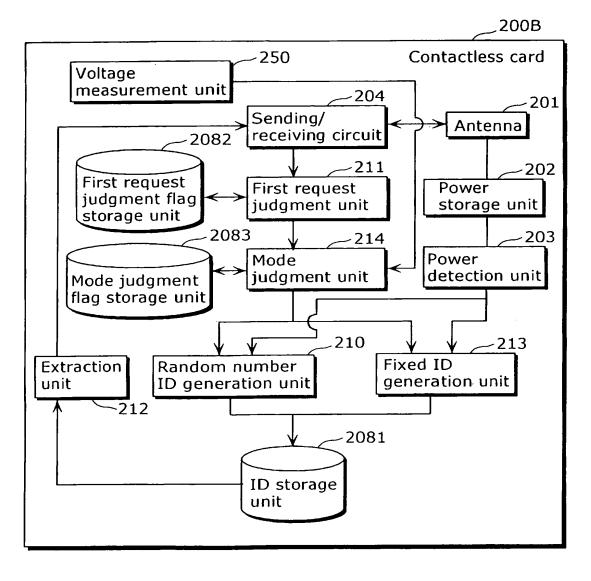


FIG. 14

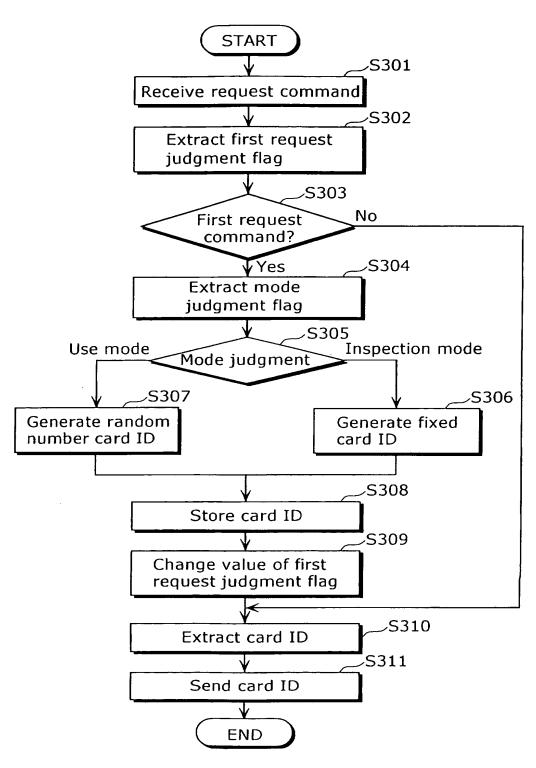


FIG. 15

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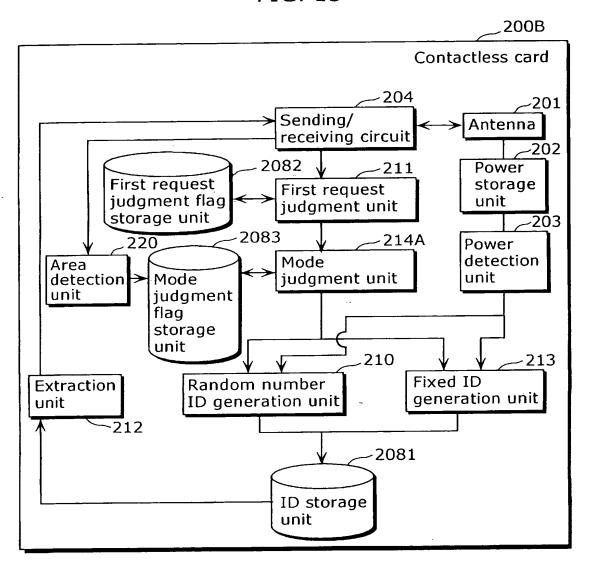
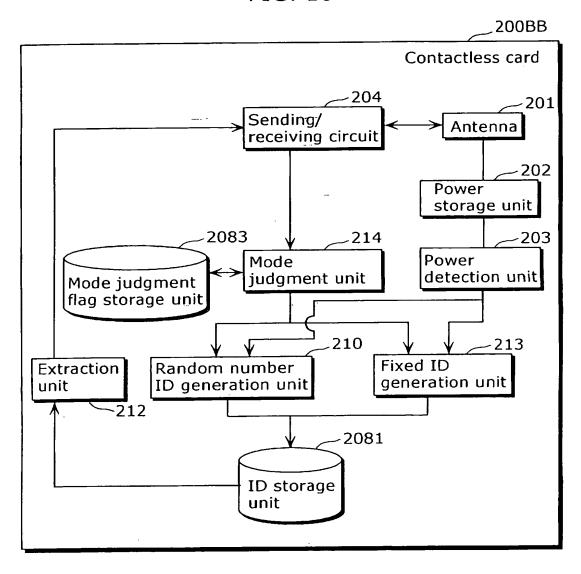


FIG. 16

•. • • • •

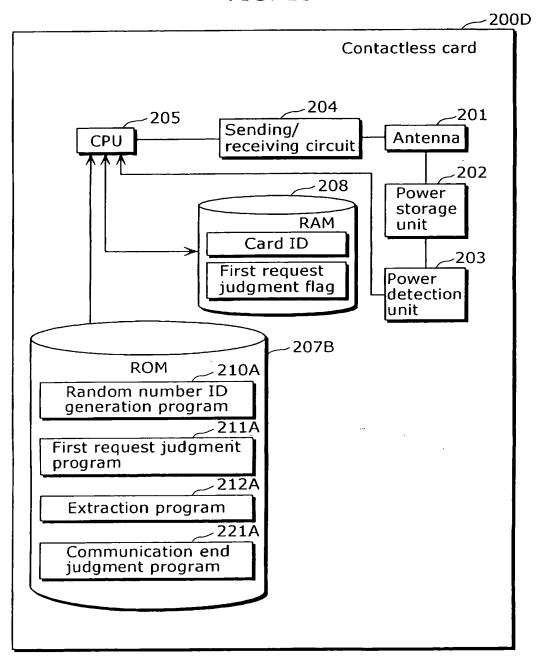


START S301 Receive request command __S304 Extract mode judgment flag £305 Use mode Inspection mode Mode judgment √S306 √S307 Generate random Generate fixed number card ID card ID S308 Store card ID __S310 Extract card ID S311 Send card ID **END**

FIG. 17

FIG. 18

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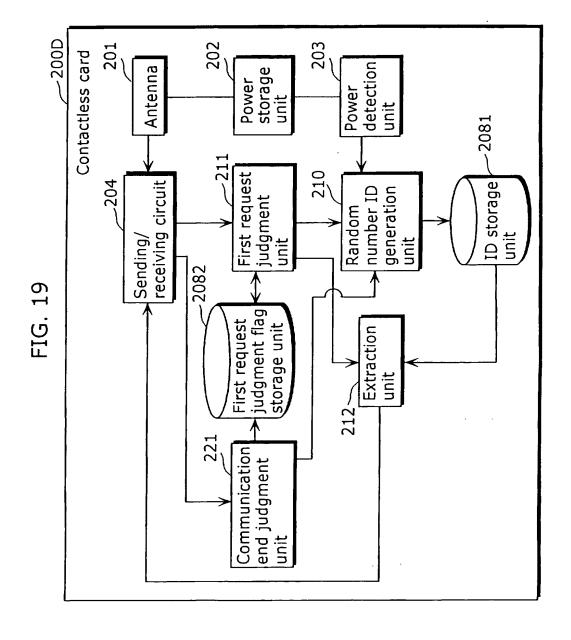


FIG. 20

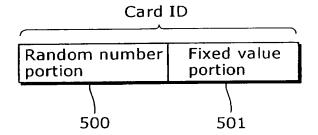
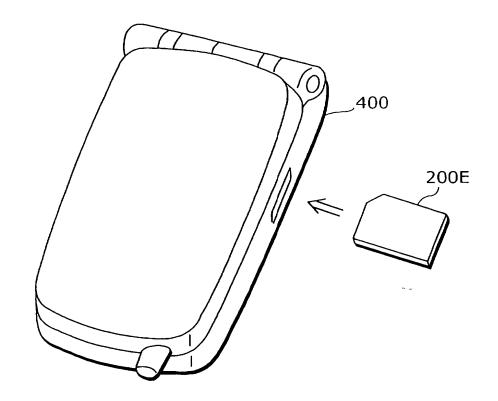
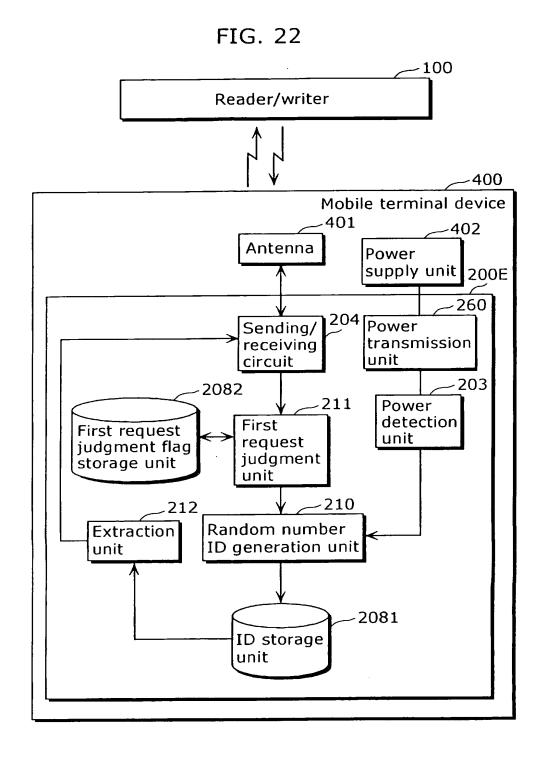


FIG. 21





4. • • •

FIG. 23

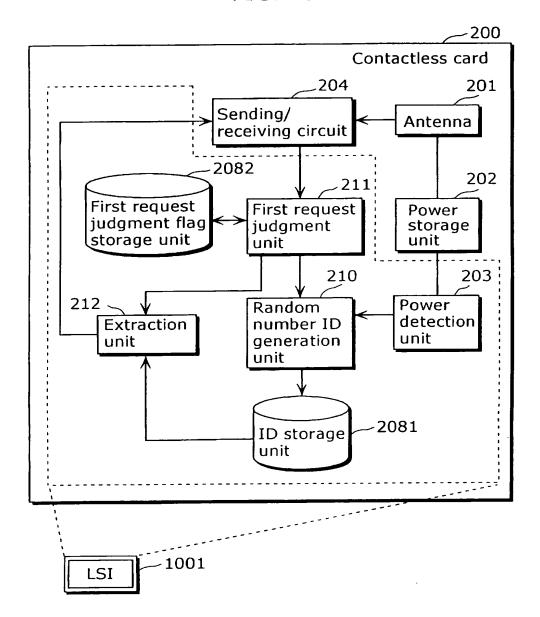
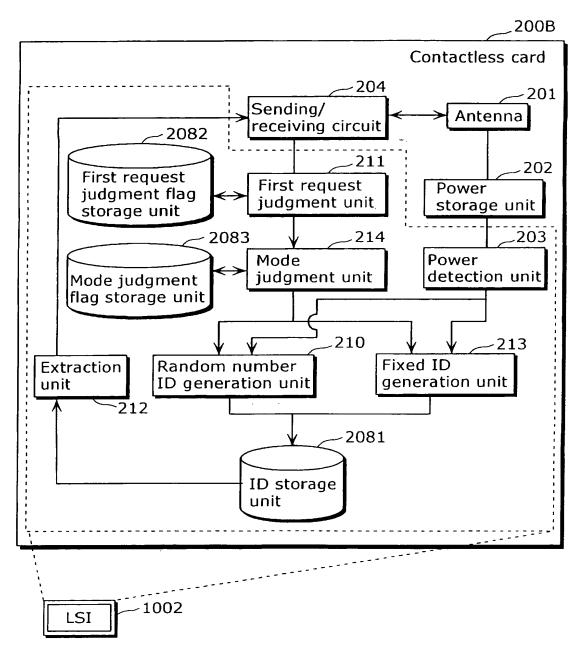


FIG. 24



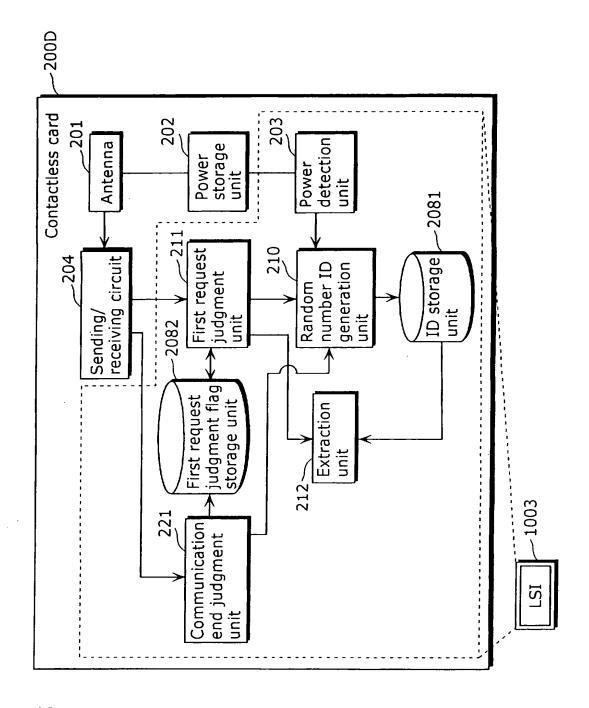


FIG. 25